Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024795.D
Acq On : 08 Feb 2020 12:39
Operator : CG/JU
Sample : L1400-14
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6J0

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:42 AM

Quant Time: Feb 10 01:18:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	312556	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1227497	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	802059	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1706672	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1642660	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1708824	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	26329	4.05	ng/uL	0.00
5) Phenol-d5	6.60	99	439440	21.16	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	291421	24.85	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.95	132	410992	22.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	343242	19.59	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	214342	24.15	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	255022	24.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	436294	20.62	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	533799	26.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1521186	25.13	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1578929	22.33	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	191764	19.49	ng/ul	0.00
58) Fluorene-d10	15.06	176	1234893	23.03	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	224890	20.22	ng/ul	0.00
71) Anthracene-d10	16.91	188	1747098	22.42	ng/ul	0.00
79) Pyrene-d10	19.22	212	1842449	22.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1833842	21.37	ng/ul	-0.01
Target Compounds						Qvalue
70) Phenanthrene	16.85	178	441439	4.744	ng/ul	100
77) Fluoranthene	18.88	202	963374	8.433	ng/ul	99
80) Pyrene	19.24	202	796777	7.328	ng/ul	99
83) Benzo(a)anthracene	21.01	228	488969	4.419	ng/ul	97
85) Chrysene	21.06	228	466614	4.283	ng/ul	98
88) Benzo(b)fluoranthene	22.51	252	692355	6.372	ng/ul#	98
89) Benzo(k)fluoranthene	22.54	252	190421m	1.821	ng/ul	
91) Benzo(a)pyrene	23.03	252	381365	3.915	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.17	276	299243	2.467	ng/ul	95
94) Benzo(g,h,i)perylene	25.80	276	233679	2.317	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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